

SURFACE ACOUSTIC WAVE UNIT

Publication number: JP2000312126

Publication date: 2000-11-07

Inventor: FUNEMI MASAYUKI; YAMAGATA YOSHIFUMI

Applicant: KYOCERA CORP

Classification:

- international: **H03H9/145; H03H9/64; H03H9/145; H03H9/00;** (IPC1-7): H03H9/145; H03H9/64

- European:

Application number: JP19990120870 19990428

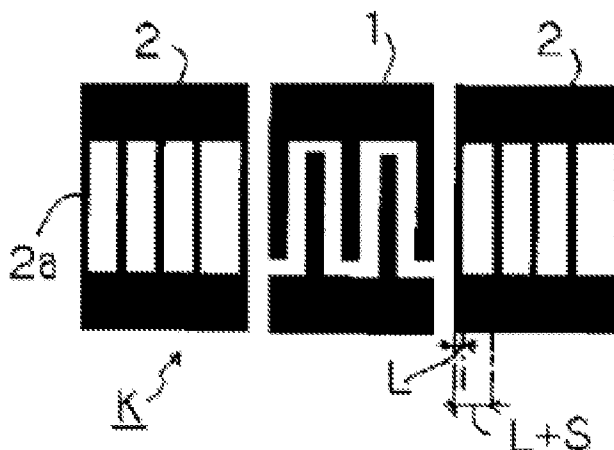
Priority number(s): JP19990120870 19990428

[Report a data error here](#)

Abstract of **JP2000312126**

PROBLEM TO BE SOLVED: To provide a surface acoustic wave unit that reduces the ripple components of a signal within its pass band and increases the pass bandwidth.

SOLUTION: This surface acoustic wave unit is formed by placing an interdigital transducer (IDT) electrode and a reflector electrode 2, having a plurality of electrode fingers 2a that reflecting a surface acoustic wave stimulated by the IDT electrode 1 onto the IDT electrode 1 on a piezoelectric substrate, and an electrode finger width L of the reflector electrode 2 and a pitch S between the electrode fingers satisfies the expression $0.35 \leq L/(L+S) \leq 0.45$.



.....
Data supplied from the **esp@cenet** database - Worldwide